

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) Process for the production of a panel with a protected acoustic damping layer, comprising the steps of:

emplacing a porous core between a total acoustic reflector and at least a porous acoustic damping layer[[,]];

~~in which at least~~ emplacing said porous acoustic damping layer is emplaced by striping or draping, said porous layer being constituted of in order to obtain parallel strips[[,]] that are distant from adjacent ones of said parallel strips;

~~wherein edges of the parallel strips of the porous layer are disposed facing a strip laid down by striping or draping and containing a thermoplastic, thermohardening or thermofusible material and being heated in a later step, to ensure the securement of the edges of said parallel strips with an adjacent strip containing a thermoplastic, thermohardening or thermofusible material~~

emplacing only astride intervals between said parallel strips, filaments pre-impregnated with a thermosetting or thermoplastic material; and

heating said thermosetting or thermoplastic material in order to ensure the securement of edges of said parallel strips with said filaments.

2. (currently amended) Process according to claim 1, for the production of a single piece panel, without a joint, of generally annular shape, wherein said porous layer and said strip containing a thermoplastic, thermosetting or thermofusible material, are striped or draped on a mold having the shape of the panel to be obtained, ~~and further comprising a porous core and a total reflector being then emplaced also by striping or draping.~~

3-4. (cancelled).

5. (currently amended) Process according to claim ~~[[3]]~~1, wherein said filaments are striped on said porous layer, so as to be sandwiched between said porous layer and a porous core which is subsequently deposited by striping a honeycomb structure in the form of a strip.

6. (previously presented) Process according to claim 5, wherein windings of the filaments are separated from each other and only facing and overlapping intervals between the parallel strips of the porous layer.

7. (currently amended) Process according to claim [[3]]1, wherein said filaments are first emplaced by striping on [[the]] a mold and are located at least facing and overlapping intervals between the parallel strips of the porous layer which are subsequently emplaced by striping.

8. (currently amended) Process according to claim [[3]]1, wherein said filaments are disposed on opposite sides of the porous layer so as to at least cover intervals between the parallel strips of said porous layer.

9. (currently amended) Process according to claim [[3]]1, wherein filaments are in the form of an assembly of square, round or rectangular cross-section comprised of filaments, strips of filaments, meshes, strands or braids of filaments.

10-11. (cancelled).

12. (currently amended) Process according to claim [[11]]13, said perforated sheet is coated with a thermofusible glue.

13. (currently amended) ~~Process according to claim 11,~~
~~wherein the strips of said perforated sheet have a width equal to~~
~~or less than the parallel strips of the porous layer and are~~
~~disposed first on a mold with an interval between two successive~~
~~strips, then the porous layer is deposited in parallel strips~~
~~disposed facing said intervals between strips of said perforated~~
~~sheet.~~ for the production of a panel with a protected acoustic
damping layer, comprising the step of:

emplacing at least a porous core between a total
acoustic reflector and a porous acoustic damping layer;

emplacing said porous layer by striping or draping in
order to obtain parallel strips distant one from adjacent ones of
said parallel strips;

emplacing only astride intervals between said parallel
strips, strips of a perforated sheet selected from the group
comprising metallic sheets and sheets of composite material
constituted of a cloth of fibers pre-impregnated with a
thermosetting or a thermoplastic material; and

heating said thermosetting or thermoplastic material in
order to ensure the securement of edges of said parallel strips
with said strips of perforated sheet.

14. (currently amended) Process according to claim
[[11]] 13, wherein the strips of perforated sheet have a width
substantially greater than that of the parallel strips of the

porous layer and are first deposited on the mold with a slight partial overlap between strips, then the porous layer is deposited so as particularly to align each parallel strip with a sheet strip, the windings of said porous layer not touching each other.

15. (currently amended) Process according to claim ~~[[11]]~~13, wherein the strips of said perforated sheet have a width less than that of the parallel strips of the porous layer which is first deposited on the mold, such that the windings overlap slightly, then the strips of said perforated sheet are placed facing or not the regions of overlap of the parallel strips of the porous layer, said parallel strips not touching each other.

16. (currently amended) Process ~~according to claim 1,~~
~~wherein said strip containing a thermoplastic, thermosetting or~~
~~thermofusible material is constituted by the porous layer itself~~
~~which is formed of a cloth of filaments pre-impregnated with a~~
~~thermosetting or thermoplastic resin, said cloth being deposited~~
~~so as to form strips or windings with a slight mutual overlap.~~
for the production of a panel with a protected acoustic damping
layer comprising the steps of:

emplacing at least a porous core between a total
acoustic reflector and a porous acoustic damping layer;

emplacing said porous layer by striping or draping a cloth of filaments pre-impregnated with a thermosetting or a thermoplastic material, said cloth being deposited so as to form strips or windings with a slight mutual overlap; and

heating said thermoplastic or thermosetting material in order to ensure the securement of edges of said strips.

17. (currently amended) ~~Process according to claim 1, wherein there is striped or draped on a mold a total reflector, then a porous core, then, after baking in an autoclave and withdrawal from the mold, said porous core is striped or draped with the porous layer and with filaments pre-impregnated with a thermosetting or thermoplastic resin constituting said strip adapted to ensure the securement of the edges of the parallel strips of the porous layer.~~

for the production of a panel with a protected acoustic damping layer comprising the steps of:

emplacing at least a porous core between a total acoustic reflector and a porous acoustic damping layer;

striping or draping on a mold said total reflector, then said porous core, then, after baking in an autoclave and withdrawal from the mold, striping or draping said porous layer in order to obtain parallel strips;

striping or draping filaments pre-impregnated with a thermosetting or a thermoplastic material; and

heating said thermosetting or thermoplastic material in order to ensure the securement of edges of said parallel strips with said filaments.

18. (currently amended) Process according to claim [[3]]1, wherein, to increase the structural strength of the panel, there is deposited, by striping or winding, supplemental filaments forming an angle greater than zero with said filaments and disposed on opposite sides or on either side of the porous layer.

19-20. (cancelled).

21. (new) A process according to claim 13, wherein said strips of perforated sheet are metallic sheets covered with a thermofusible glue.

22. (new) A process for the production of a panel with a protected acoustic damping layer comprising the steps of:

emplacing at least a porous core between a total acoustic reflector and a porous acoustic damping layer, said step of emplacing said porous acoustic damping layer comprises in emplacing said porous acoustic damping layer by striping or draping in order to obtain parallel strips distant one from adjacent ones of said parallel strips;

emplacing only astride intervals between said parallel strips, strips of a perforated sheet;

securing edges of said parallel strips with said strips of perforated sheet.

23. (new) A process according to claim 22, wherein said strips of perforated sheet are metallic sheets covered with a thermofusible glue.